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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **KITAKADO, JUN et al.**

Group Art Unit: **2685**

Serial No.: **09/911,823**

Examiner: **Edward F. Urban**

Filed: **July 25, 2001**

P.T.O. Confirmation No.: 4866

**FOR: RADIO EQUIPMENT CAPABLE OF REAL TIME CHANGE OF ANTENNA
DIRECTIVITY AND DOPPLER FREQUENCY ESTIMATING CIRCUIT USED FOR
THE RADIO EQUIPMENT**

RECEIVED

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

AUG 14 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Technology Center 2600

August 13, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. A copy of the Korean Office Action (with translation) and one copy of each of these documents is attached.

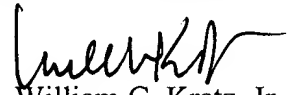
No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449, Korean Office Action (with translation) and 4 references

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INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 010901	Serial No. 09/911,823
	Applicant(s): KITAKADO, JUN et al.	
	Filing Date: July 25, 2001	Group Art Unit: 2685

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	6,140,961	Takai	10-31-00	342	367	RECEIVED AUG 14 2003 Technology Center 2000
_____	AB						
_____	AC						
_____	AD						
_____	AE						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AF	WO 00/79702 A1	6-22-00	PCT	abstract
_____	AG	2000-22612	1-21-00	Japan	abstract
_____	AH	1999-0083110	11-25-99	Japan	no
_____	AI				
_____	AJ				

OTHER DOCUMENTS

_____	AK	
_____	AL	
Examiner		Date Considered